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FROM: Brett L. Bornsen

DATE: November 9, 2004

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NUMBER OF PAGES (including this page): 9

EMAIL: bbornsen@dsoblaw.com

TO: Mail Stop: Amendment  
Commissioner for Patents

TELEPHONE:

RE: Application No. 09/840,428  
Filing Date: 04/23/1001  
Inventor: Salvador Cerda, Jr.  
Art Group: 2634  
Examiner: Harry Vartanian  
Attorney Docket No. 1543


FAX: 703-872-9306

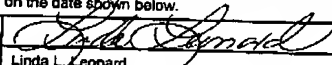
**MESSAGE**Attachments: Transmittal Form - 1 page  
Response to Office Action - 7 pages**IF YOU DO NOT RECEIVE ALL PAGES, PLEASE CALL 303-938-9999**

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	08/840,428	
	Confirmation Number	4194	
	Filing Date	04/23/2001	
	First Named Inventor	Salvador Cerda, Jr.	
	Art Unit	2634	
	Examiner Name	Harry Vartanian	
Total Number of Pages in This Submission	8	Attorney Docket Number	1543

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
<b>Remarks</b> It is believed that no fees are due in this matter. However, if it is determined that fees are due, the Commissioner is authorized to debit Deposit Account 210785 for any required fees.		
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT		
Firm		
Signature		
Printed Name	Brett L. Bomson	
Date	November 9, 2004	Reg. No. 48,586

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Signature			
Typed or printed name	Linda L. Leonard	Date	November 9, 2004

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**NOV 09 2004**

**Practitioner's Docket No. 1543**

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Salvador Cerda, Jr.

Application No.: 09/840,428

Filed: 04/23/2001

Group No.: 2634

Examiner: Harry Vartanian

For: INCREASED DIGITAL BANDWIDTH CARRIED ON AN ANALOG SIGNAL CYCLE  
USING A DATA STRUCTURE

**Mail Stop: Amendment**

Commissioner for Patents

P. O. Box 1450

Alexandria, VA 22313-1450

**RESPONSE TO OFFICE ACTION**

**Introductory Comments**

In response to an Office action dated September 21, 2004, please enter the following amendments and consider the following remarks.